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Total Number of Pages in This Submission

4

Application Number

10/074493

Filing Date

February 12, 2002

First Named Inventor

Ledentsov et al.

Art Unit

2828

Examiner Name

Jackson, Cornelius

Attorney Docket Number

QIL-5

### ENCLOSURES (Check all that apply)

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### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name

BROWN & MICHAELS, PC

Signature

Printed name

Meghan A. Van Leeuwen

Date

May 5, 2005

Reg. No.

45,612

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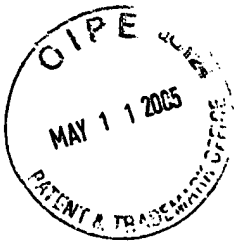
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

May 5, 2005

Serial No. 10/074,493  
Applicant: Ledentsov *et al.*  
Filed: February 12, 2002  
Title: TILTED CAVITY SEMICONDUCTOR LASER (TCSL) AND  
METHOD OF MAKING SAME  
Art Unit: 2828  
Examiner: Jackson, Cornelius  
Confirmation Number: 7434  
Attorney Docket No.: QIL-5

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Alexandria, VA 22313-1450

**STATEMENT OF THE SUBSTANCE OF THE INTERVIEW**


The Applicant's attorney, Meghan Van Leeuwen, had a telephone interview with the Examiner, Cornelius Jackson, on April 8, as well as further telephone correspondence on April 11, April 14, April 15 and April 22.

There were no exhibits shown or demonstrations exhibited during the telephonic interview, although the Applicant's attorney did explain that an Information Disclosure Statement was going to be sent in (with the references from the corresponding PCT search report), and sent a copy of the IDS and the references to the Examiner by electronic mail.

All of the pending claims were discussed in the interview. EP 0 342 953, prior art cited in the IDS filed April 12, 2005, was discussed during the April 14<sup>th</sup> and April 15<sup>th</sup> telephone calls.

**CERTIFICATE OF MAILING**

Certified Mail No.: 70040750000303068908 Date: May 5, 2005  
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Theresa M. Rimbey

The Examiner began the interview on April 8<sup>th</sup> by stating that he reviewed the case, and that “an active region that can emit light” and “the semiconductor laser can be operated in at least one resonant optical mode” were indefinite according to him and his Supervisory Patent Examiner.

The Examiner and the Applicant’s Attorney discussed changing the language in claims 1 and 91 to “an active region that emits light” and “wherein the semiconductor laser is operated....” They also discussed alternative language, but eventually agreed on this amendment, with an additional amendment to remove “a photodetector” from claim 91. The Examiner stated that these changes would make the case allowable.

The Examiner and the Applicant’s attorney also discussed the newly cited reference, EP 0 342 953, on April 14<sup>th</sup>, and the Examiner stated that claims 91 and 92, as amended as discussed above, were not patentable over this reference. Although the Applicant’s Attorney respectfully disagreed, she authorized cancellation of claims 91 and 92 to further prosecution of the application.

The Applicant’s Attorney telephoned the Examiner on April 22<sup>nd</sup> regarding the status of the case. The Examiner told her that, due to the extensive correspondence between himself and the Applicant’s Attorney, he had not yet issued any action, but would do so once he determined what action should be taken.

Applicant believes that this statement satisfies the requirements to file a Statement of the Substance of the Interview, and accurately represents the substance of the interviews conducted. If the Examiner disagrees, or believes for any other reason that direct contact with Applicants’ Attorney would advance the prosecution of the case to finality, he is invited to telephone the undersigned at the number given below.

"Recognizing that Internet communications are not secured, I hereby authorize the PTO to communicate with me concerning any subject matter of this application by electronic mail. I understand that a copy of these communications will be made of record in the application file."

Respectfully Submitted:

*Ledentsov et al.*

By: 

Meghan Van Leeuwen, Reg. No. 45,612

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Dated: 5/5/05